

We claim:

1. A cab mounting system for supporting cab on a vehicle chassis, the mounting system having a plurality of variable-length links, characterized by:

the cab is supported on the vehicle chassis by at least six links, each link having a first end pivotally coupled to the chassis and a second end pivotally coupled to the cab, and the links are disposed in closed kinematic chains and adjacent pairs of links having axes which converge, the mounting system absorbing shock with six degrees of freedom.

2. The cab mounting system of claim 1, wherein:

the links have axes which converge upwardly towards a convergence point.

3. The cab mounting system of claim 1, wherein:

all the links comprise adjustable length links.

4. The cab mounting system of claim 1, wherein:

the links are arranged in a hexapod manner.

5. The cab mounting system of claim 1, wherein:

the links are compressed by the cab.

6. The cab mounting system of claim 1, wherein:

the links are extended by the cab.

7. The cab mounting system of claim 1, wherein:

at least one of the links comprises a passive shock-absorber element.

8. The cab mounting system of claim 1, wherein:

the length of at least one of the links is actively adjustable.

9. The cab mounting system of claim 1, wherein:

at least one of the links comprises a bilaterally acting hydraulic cylinder.

10. The cab mounting system of claim 1, wherein:

at least one of the links comprises an electromechanical adjusting element.

11. The cab mounting system of claim 1, further comprising:

a control unit for adjusting a length of the links to maintain a desired orientation of the cab.

12. The cab mounting system of claim 1, wherein:

the links are coupled to a rigid frame which is releasably connected to the

cab.

13. The cab mounting system of claim 12, wherein:
the links comprise of spring-damping elements.

14. The cab mounting system of claim 12, wherein:
the frame is coupled to the cab by a hinge which allows the cab to be tilted
with respect to the frame.